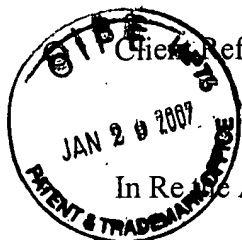


*lfu*

Docket Number: 051270-0305144

PATENT APPLICATION



Client Reference: H7729US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

**TORU HIRAI**



Application No.: 10/705,794

Group Art Unit: 2615

Examiner: WALTER F. BRINEY III

Filed: November 7, 2003

Confirmation No.: 4793

For: ***MULTI-CHANNEL ECHO CANCEL METHOD, MULTI-CHANNEL SOUND TRANSFER METHOD, STEREO ECHO CANCELLER, STEREO SOUND TRANSFER APPARATUS AND TRANSFER FUNCTION CALCULATION APPARATUS***

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Applicants respectfully request the Examiner return an initialed copy of the enclosed Form PTO-1449 to Applicants with the next Office communication to indicate that the references have been considered, per MPEP § 609.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR 1.97(e)(1).

The references were cited in a counterpart foreign application. English-language Abstracts of the non-English language references are attached hereto.

Respectfully Submitted,  
PILLSBURY WINTHROP SHAW PITTMAN LLP



Mark R. Kendrick  
Registration Number 48468  
Customer Number: 27496

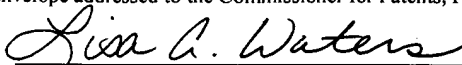
Date: January 25, 2007  
Telephone: (213) 488-7100  
Facsimile: (213) 629-1033  
725 South Figueroa Street  
Suite 2800  
Los Angeles, CA 90017-5406

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**CERTIFICATION UNDER 37 C.F.R. §§ 1.8 and/or 1.10\***

(When using Express Mail, the Express Mail label number is *mandatory*; Express Mail certification is *optional*.)

I hereby certify that, on the date shown below, this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Signature

Date: January 25, 2007

Lisa A. Waters

(type or print name of person certifying)

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.



PTO/SB/08b (07-05)

Approved for use through 06/30/2006. OMB 0651-0031  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

1

**Complete if Known**

Application Number	10/705,794
Filing Date	11/07/2003
First Named Inventor	Toru Hirai
Art Unit	2615
Examiner Name	Walter F. Briney III
Attorney Docket Number	051270-0305144

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	TREVOR N. YENSEN, ET AL., "Synthetic Stereo Acoustic Echo Cancellation Structure for Multiple Participant VoIP Conferences," IEEE Transactions on Speech and Audio Processing, IEEE, Vol. 9 (No. 2), p. 168-174, (02/2001).	
	2	YANN JONCOUR AND AKIHIKO SUGIYAMA, "A Stereo Echo Canceller with Correct Echo-Path Identification and Good Sound Localization," Proceedings of the Digital Signal Processing Symposium of the IEICE of Japan, C&C Media Research Laboratories, NEC Corporation (Japan), p. 531-536, (1997).	X
	3	SUPPLEMENTARY EUROPEAN SEARCH REPORT, The Hague, Nov. 28, 2006	

Examiner  
SignatureDate  
Considered

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet

1

of

1

**Complete if Known**

Application Number	10/705.794
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Filing Date	11/07/2003
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First Named Inventor	Toru Hirai
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Art Unit	2615
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Examiner Name	Walter F. Briney III
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Attorney Docket Number	051270-0305144
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## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	1	WO	98/47276	A	10/22/1998	Gilloire, A		X
	2	EP	0766446	A2	04/02/1997	Nippon Telegraph and Telephone Corp.		X
	3	EP	0841799	A2	05/13/1998	Lucent Technologies Inc.		X
	4	EP	0944228	A1	09/22/1999	Nippon Telegraph and Telephone Corp.		X

**Examiner  
Signature**

Date  
Considered

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